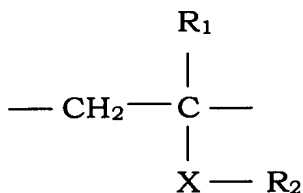


*CLAIM AMENDMENTS*

1. (Currently Amended) A via-filling material filling a via hole when a trench, wider than the via hole, is formed by plasma etching an insulating film including the via hole, said via-filling material comprising a polymer containing a repeating unit represented by



wherein

R<sub>1</sub> is a member selected from the group consisting of hydrogen, fluorine, chlorine, bromine, and methyl group;

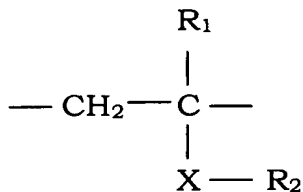
R<sub>2</sub> is a member selected from the group consisting of hydrogen, a C<sub>1-3</sub> alkyl group, and a C<sub>1-4</sub> alkyl group in which the hydrogen is replaced by at least one of fluorine, chlorine, and bromine; and

X is ~~C(=O)O~~ or ~~S(=O)<sub>2</sub>O~~.

2. (Original) The via-filling material of Claim 1, wherein said polymer has a weight average molecular weight of 1,000 to 200,000.

3 – 14 (Canceled).

15. (New) A via-filling material filling a via hole when a trench, wider than the via hole, is formed by plasma etching an insulating film including the via hole, said via-filling material comprising a polymer containing a repeating unit represented by



wherein

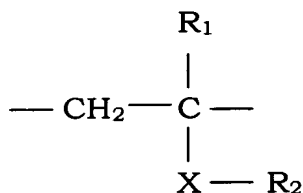
R<sub>1</sub> is a member selected from the group consisting of fluorine, chlorine, and bromine;

R<sub>2</sub> is a member selected from the group consisting of hydrogen, a C<sub>1-3</sub> alkyl group, and a C<sub>1-4</sub> alkyl group in which the hydrogen is replaced by at least one of fluorine, chlorine, and bromine; and

X is  $-\text{C}(=\text{O})\text{O}-$ .

16. (New) The via-filling material of Claim 15, wherein said polymer has a weight average molecular weight of 1,000 to 200,000.

17. (New) A via-filling material filling a via hole when a trench, wider than the via hole, is formed by plasma etching an insulating film including the via hole, said via-filling material comprising a polymer containing a repeating unit represented by



wherein

R<sub>1</sub> is a member selected from the group consisting of hydrogen, fluorine, chlorine, bromine, and methyl group;

R<sub>2</sub> is a member selected from the group consisting of hydrogen, a C<sub>2-3</sub> alkyl group, and a C<sub>1-4</sub> alkyl group in which the hydrogen is replaced by at least one of chlorine and bromine; and

X is  $-\text{C}(=\text{O})\text{O}-$ .

18. (New) The via-filling material of Claim 17, wherein said polymer has a weight average molecular weight of 1,000 to 200,000.